— use of mechanised construction methods etc.

— providing required funds by way of Government budgetary support consistent with the objectives of Five Year Plans and availability of resources.

— Obtaining clearance from regulatory authorities well in time.

— Employing better management techniques etc.

Target of Nuclear Power by 2020

789. SHRI PREM CHAND GUPTA: Will the PRIME MINISTER be pleased to state:

(a) whether it is a fact that Government have set a target of 20,000 MW of Nuclear Power by the year 2020;

(b) the current installed capacity is 1840 MW plus 880 MW in the pipeline; and

(c) if so, how does Government plan to achieve this?

THE MINISTER OF STATE OF THE DEPARTMENT OF ATOMIC ENERGY (SHRIMATI VASUNDHARA RAJE): (a) Yes, Sir.

(b) Yes, Sir.

(c) The following is the projection of the programme for unclear power generation during the Ninth Five Year Plan and beyond the Ninth Five year Plan, subject to availability of financial resources.

	Details of reactors/Units	Total Capacity MW
I.	**Upto Ninth Five Year Plan**	
(1)	Operating reactors 2 BWRs of 160 MWe each & 8 PHWRs (1×100, 1×200, 2×170, 4×220 MWe)	1840
(2)	Reactors under construction (4 PHWRs of 220 MWe each)	880
(3)	Reactors sanctioned and work commenced (2 PHWRs of 500 MWe each)	1000
(4)	Reactors awaiting sanction (2 PHWRs of 220 MWe each, 2, VVERs of 1000 MWe each and 1 PFBR of 500 MWe).	2940
		6660
II.	**Beyond the Ninth Five Year Plan**	
(1)	Reactors for which advanced procurement action is to be taken	1440
(2)	Reactors in the planning stage	
	(i) 10 PHWRs of 500 MWe each	5000
	(ii) 4 FBRs of 500 MWe each	2000
	(iii) 5 LWRs of 1000 MWe each	5000
	TOTAL	13440
	GRAND TOTAL	20100